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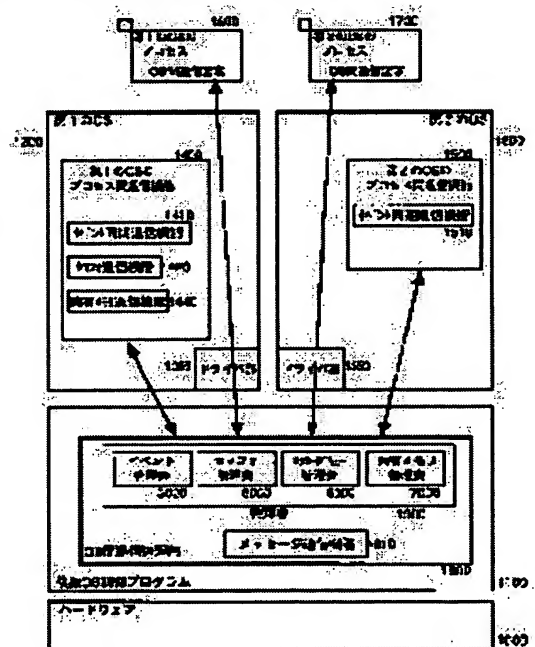(22)Date of filing :        12.09.1997

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(54) INTER-PROCESS COMMUNICATING METHOD ON HETEROGENEOUS OS

(57)Abstract:
PROBLEM TO BE SOLVED: To perform process
synchronization and communication between processes
on respective OSs by providing a communication means
to communicate each other on 1st and 2nd OSs which
simultaneously operate on one computer.
SOLUTION: A management table 1900 which records the
name of an inter-OS communication object and the
correspondence of an object handle about an inter-
process communication function of a 1st OS 1200 and
an object handle about an inter-process communication
function of a 2nd OS 1300 is provided in each inter-OS
communication object. By the table 1900, a
communication request that specifies the names of
inter-OS communication objects which are issued from
processes of the 1st OS and the 2nd OS can be
converted into a request to an inter-process
communication function of the OS 1200 or the OS 1300.
That is, for instance, an inter-OS communication
request that specifies a semaphore can be converted
into a semaphore communication request for the OS 1200.



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